

**From:** Fawcett, Allen  
**Location:** DCRoomWJCS4228AOAP/DC-OAR-OAP  
**Importance:** Normal  
**Subject:** DOE Post-2020 / GCAM  
**Start Date/Time:** Mon 11/3/2014 7:00:00 PM  
**End Date/Time:** Mon 11/3/2014 8:00:00 PM

Call in number: **b(6) privacy**  
Conference code: **b(6) privacy**

**To:** Hultman, Nathan; **Ex. 6 - Personal Privacy** Schuler, Reed M[SchulerRM@state.gov]  
**Cc:** Iyer, Gokul C[Gokul.Iyer@pnnl.gov]; McFarland, James[McFarland.James@epa.gov];  
Edmonds, James A (Jae)[jae@pnnl.gov]; Clarke, Leon E[Leon.Clarke@pnnl.gov]; Creason,  
Jared[Creason.Jared@epa.gov]; McJeon, Haewon C[Haewon.McJeon@pnnl.gov]; Alsalam,  
Jameel[Alsalam.Jameel@epa.gov]  
**From:** Fawcett, Allen  
**Sent:** Mon 10/27/2014 2:04:15 PM  
**Subject:** RE: 2C work  
[Cumulative CO2 Emissions Slides - 10-25-14.pptx](#)  
[Cumulative CO2 - Plausible Target Tables - 10-25-14.xlsx](#)

Nate,

Here's a slide deck with the analysis we discussed last week. This analysis uses the

# Ex. 5 - Deliberative

This could use a little more polishing, but I know Rick wanted to see this today. It would probably be helpful for you to take a look and see if you have any questions or want to discuss before we send it on to Rick.

Best,  
Allen

**From:** Clarke, Leon E [mailto:Leon.Clarke@pnnl.gov]  
**Sent:** Sunday, October 26, 2014 11:02 AM  
**To:** Fawcett, Allen; Creason, Jared; McJeon, Haewon C  
**Cc:** Iyer, Gokul C; McFarland, James; Edmonds, James A (Jae)  
**Subject:** Re: 2C work

Hi Allen,

## Ex. 5 - Deliberative

# Ex. 5 - Deliberative

Let me know if you guys want to talk on Monday. I suspect that I will not be all that busy till Thursday. From my limited experience, and from talking with others, I anticipate that it will take 80% of the time to get through 50% of the material hear, and I am in the second 50%.

Leon

**From:** <Fawcett>, Allen Fawcett <[fawcett.allen@epa.gov](mailto:fawcett.allen@epa.gov)>  
**Date:** Sunday, October 26, 2014 5:02 AM  
**To:** Leon <[Leon.Clarke@pnnl.gov](mailto:Leon.Clarke@pnnl.gov)>, "Creason, Jared" <[Creason.Jared@epa.gov](mailto:Creason.Jared@epa.gov)>, "McJeon, Haewon C" <[Haewon.McJeon@pnnl.gov](mailto:Haewon.McJeon@pnnl.gov)>  
**Cc:** "Iyer, Gokul C" <[Gokul.Iyer@pnnl.gov](mailto:Gokul.Iyer@pnnl.gov)>, "McFarland, James" <[McFarland.James@epa.gov](mailto:McFarland.James@epa.gov)>  
**Subject:** RE: 2C work

Hey Guys,

Here's an updated version of the ppt and xls files I sent earlier today based on a call Leon and I had. Ex. 5 - Deliberative

# Ex. 5 - Deliberative

Best,  
Allen

**From:** Clarke, Leon E [<mailto:Leon.Clarke@pnnl.gov>]  
**Sent:** Friday, October 24, 2014 1:51 PM  
**To:** Fawcett, Allen; Creason, Jared; McJeon, Haewon C  
**Cc:** Schuler, Reed M; Iyer, Gokul C; McFarland, James  
**Subject:** Re: 2C work

Hi Everyone,

Attached is a table from the synthesis report. Since we are dealing only with my colleagues at PNNL who might help me with my contribution to the synthesis report along with feds already associated with the IPCC process, I am comfortable passing this information along. This is information that the State Department folks have, and we are interpreting it for them. However, please do not circulate it further, as with all IPCC documents. The numbers should be available officially after the plenary is complete the week after next, and they are generally available from the underlying WG reports.

Here are some points.

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# Ex. 5 - Deliberative

Leon

From: **Fawcett, Allen** <Fawcett.Allen@epa.gov>

Date: Wed, Oct 22, 2014 at 5:20 PM

Subject: 2C work

To: "McJeon, Haewon C" <Haewon.McJeon@pnnl.gov>, "Clarke, Leon E"

<Leon.Clarke@pnnl.gov>, "Iyer, Gokul C" <Gokul.Iyer@pnnl.gov>, "Creason, Jared"

<Creason.Jared@epa.gov>, "McFarland, James" <McFarland.James@epa.gov>, "Reed

Schuler" **Ex. 6 - Personal Privacy**

So I just had a call with Rick and Nate about the 2C work. In general, CEQ is interested in

**Ex. 5 - Deliberative**

# **Ex. 5 - Deliberative**

PNNL folks, let me know if you can think a little bit about 1 by Monday. I told Rick that anything we produce by early next week will likely be revised based on the longer term request, but he still thought an initial cut at this would be extremely useful.

EPA folks can start working on 2. I know Jared is under the weather, but I'll be in on Friday and can take a stab at this. We can do most of the work without results from 1 (the actual budget will be a data input), so hopefully we can have something ready by COB Friday, and just need to final budget numbers to finish.

Let me know what you think.

Thanks,

Allen

---

Allen A. Fawcett, Ph.D.

Climate Economics Branch

Climate Change Division

U.S. Environmental Protection Agency

Office: (202) 343-9436

Cell: (202) 412-5116

This email is UNCLASSIFIED.

**To:** Alsalam, Jameel[Alsalam.Jameel@epa.gov]; Creason, Jared[Creason.Jared@epa.gov]; Clarke, Leon E[Leon.Clarke@pnnl.gov]; McJeon, Haewon C[Haewon.McJeon@pnnl.gov]; Iyer, Gokul C[Gokul.Iyer@pnnl.gov]; McFarland, James[McFarland.James@epa.gov]  
**From:** Fawcett, Allen  
**Sent:** Sat 10/25/2014 8:00:54 PM  
**Subject:** RE: Trillion tons emissions budget  
Cumulative Emissions Slides - 10-24-14.pptx  
Cumulative - Plausible Target Tables - 10-24-14.xlsx

Hey Everyone,

Here's a draft of the cumulative slides and the accompanying spreadsheet. All of this could be cleaned up more, but I wanted to send it to the group to take a look at. We're still not completely confident we've got everything right in here, so it would be good to have some more eyes on this.

I think the main issues

**Ex. 5 - Deliberative**

# Ex. 5 - Deliberative



Any thoughts are welcome.

Thanks,  
Allen

**From:** Alsalam, Jameel  
**Sent:** Friday, October 24, 2014 5:07 PM  
**To:** Fawcett, Allen; Creason, Jared  
**Subject:** RE: Trillion tons emissions budget

Allen and Jared,

# Ex. 5 - Deliberative

# Ex. 5 - Deliberative

Best,

Jameel

**From:** Alsalam, Jameel

**Sent:** Friday, October 24, 2014 9:36 AM

**To:** Fawcett, Allen; Creason, Jared; Clarke, Leon E; McJeon, Haewon C

**Subject:** Trillion tons emissions budget

All,

# Ex. 5 - Deliberative

# Ex. 5 - Deliberative

Best

Jameel

Jameel Alsalam

Economist, Climate Change Division

U.S. Environmental Protection Agency

voice: (202) 343-9807

fax: (202) 343-2202

[alsalam.jameel@epa.gov](mailto:alsalam.jameel@epa.gov)

**To:** Fawcett, Allen[Fawcett.Allen@epa.gov]; Iyer, Gokul C[Gokul.Iyer@pnnl.gov]; Clarke, Leon E[Leon.Clarke@pnnl.gov]  
**Cc:** Creason, Jared[Creason.Jared@epa.gov]; McFarland, James[McFarland.James@epa.gov]; Alsalam, Jameel[Alsalam.Jameel@epa.gov]  
**From:** McJeon, Haewon C  
**Sent:** Tue 9/16/2014 9:48:15 PM  
**Subject:** RE: Latest China brief: Updated Sections 2 and 3  
China Combined Brief 20140916 GA h1.docx

One brief to rule them all.

This one includes Allen, gokul, minji, leon, and my edits.

Please track change off of this version.

Best,

H1

**From:** Fawcett, Allen [mailto:Fawcett.Allen@epa.gov]  
**Sent:** Tuesday, September 16, 2014 5:11 PM  
**To:** Iyer, Gokul C; McJeon, Haewon C; Clarke, Leon E  
**Cc:** Creason, Jared; McFarland, James; Alsalam, Jameel  
**Subject:** RE: Latest China brief: Updated Sections 2 and 3

Thanks Gokul. Here's an updated version of the combined brief with my edits to section 3, and

# Ex. 5 - Deliberative

I'll be out all morning at the DVC with the Chinese delegation, so I probably won't be able to make any more edits until tomorrow afternoon if needed.

Cheers,

Allen

## Ex. 5 - Deliberative

**From:** Iyer, Gokul C [<mailto:Gokul.Iyer@pnnl.gov>]  
**Sent:** Tuesday, September 16, 2014 4:27 PM  
**To:** McJeon, Haewon C; Clarke, Leon E  
**Cc:** Fawcett, Allen  
**Subject:** Latest China brief: Updated Sections 2 and 3

Please find attached updates to Sections 2 and 3.

## Ex. 5 - Deliberative

The main keeper of this document (Leon/Haewon) needs to decide and delete/modify the additional chart and text in the caption accordingly.

Thank you and regards,

Gokul

Gokul Iyer

PhD candidate

Maryland School of Public Policy

Joint Global Change Research Institute

M- 301-318-3920

O- 301-314-6713

**To:** Schuler, Reed M[SchulerRM@state.gov]; McJeon, Haewon C[Haewon.McJeon@pnnl.gov];  
Clarke, Leon E[Leon.Clarke@pnnl.gov]; Edmonds, James A (Jae)[jae@pnnl.gov]  
**Cc:** Alsalam, Jameel[Alsalam.Jameel@epa.gov]; Creason, Jared[Creason.Jared@epa.gov];  
McFarland, James[McFarland.James@epa.gov]  
**From:** Fawcett, Allen  
**Sent:** Wed 9/10/2014 2:27:44 PM  
**Subject:** RE: presentation.  
[PNNL China Briefing for Todd Stern - 09-10-14.pptx](#)  
[Plausible Target Tables - 09-10-14.xlsx](#)

Reed,

Here are the updates we discussed.

## Ex. 5 - Deliberative

Cheers,

Allen

**From:** Alsalam, Jameel  
**Sent:** Wednesday, September 10, 2014 10:16 AM  
**To:** Fawcett, Allen  
**Subject:** Intl offset usage in supplementary Voinovich analysis

Allen,

## Ex. 5 - Deliberative

I will keep looking through the appendix for the specific numbers.

From the January 2010 “Voinovich analysis” PPT: (in particular, slides 17 and 47)

# **Ex. 5 - Deliberative**



# **Ex. 5 - Deliberative**

Jameel Alsalam

Economist, Climate Change Division

U.S. Environmental Protection Agency

voice: (202) 343-9807

fax: (202) 343-2202

[alsalam.jameel@epa.gov](mailto:alsalam.jameel@epa.gov)

**From:** Schuler, Reed M [mailto:SchulerRM@state.gov]  
**Sent:** Wednesday, September 10, 2014 9:48 AM  
**To:** Fawcett, Allen; McJeon, Haewon C; Clarke, Leon E; Edmonds, James A (Jae)  
**Subject:** RE: presentation.

Thanks a million, Allen. I'm going to call you in just a second.

-----Original Message-----

From: Fawcett, Allen [mailto:Fawcett.Allen@epa.gov]  
Sent: Wednesday, September 10, 2014 9:44 AM  
To: Schuler, Reed M; McJeon, Haewon C; Clarke, Leon E; Edmonds, James A (Jae)  
Subject: RE: presentation.

Reed,

Here's an updated version of the presentation. This has some minor changes from yesterday based on Gokul's data.

**Ex. 5 - Deliberative**

Let me know if you need anything else.

Allen

-----Original Message-----

From: Schuler, Reed M [mailto:SchulerRM@state.gov]  
Sent: Wednesday, September 10, 2014 9:27 AM  
To: McJeon, Haewon C; Fawcett, Allen; Clarke, Leon E; Edmonds, James A (Jae)  
Subject: Re: presentation.

Thanks, Haewon. Can you change the table in slide 16 so it shows the fuller table of results (even if it looks small)

**Ex. 5 - Deliberative**

I need this ASAP. Thanks.

Reed

From: McJeon, Haewon C  
Sent: Tuesday, September 9, 2014 9:04 PM  
To: Fawcett, Allen; Schuler, Reed M; Clarke, Leon E; Edmonds, James A (Jae)  
Subject: presentation.

Hi all,

Here is the ppt as it stands now. Not too many changes. I'm not too happy about how the previously separate briefs

**Ex. 5 - Deliberative**

couldn't be corrected today. This will all be resolved this time next week.

I have Leon's bullet.

I have Allen's updates section 3.

And few other cosmetic changes.

Best,

Haewon.

---

Haewon C. McJeon, Ph.D.  
Decision Scientist  
Joint Global Change Research Institute  
Pacific Northwest National Laboratory

On 9/9/14 7:25 PM, "Fawcett, Allen" <[Fawcett.Allen@epa.gov](mailto:Fawcett.Allen@epa.gov)> wrote:

>Good to hear, I might have some slight revisions to the last section  
>based on the data Gokul just sent.

> Original Message

>From: Schuler, Reed M

>Sent: Tuesday, September 9, 2014 7:12 PM

>To: Fawcett, Allen; Clarke, Leon E; McJeon, Haewon C; Edmonds, James A

>(Jae)

>Subject: Re: Temperature Bullet

>

>

>Thanks so much, everyone! A version is going out tonight, but we also

>got a reprieve in the form of another opportunity to submit an updated

>final tomorrow morning, probably around 10 am.

>

>From: Fawcett, Allen

>Sent: Tuesday, September 9, 2014 6:59 PM

>To: Schuler, Reed M; Clarke, Leon E; McJeon, Haewon C; Edmonds, James A

>(Jae)

>Subject: Fw: Temperature Bullet

>

>

>?Here are the revised charts: **Ex. 5 - Deliberative**

>From: Fawcett, Allen <[Fawcett.Allen@epa.gov](mailto:Fawcett.Allen@epa.gov)>

>Sent: Tuesday, September 9, 2014 6:20 PM

>To: Clarke, Leon E; McJeon, Haewon C

>Subject: RE: Temperature Bullet

>

>

>Here are the updated slides for the third section, along with the

>updated spreadsheet tool. This version makes the Trevor updates,

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>

>I have to head out, so hopefully you guys can drop these in and send

>the updated ppt out to the group.

>  
>Thanks,  
>Allen  
>  
>From: Clarke, Leon E [<mailto:Leon.Clarke@pnnl.gov>]  
>Sent: Tuesday, September 09, 2014 4:49 PM  
>To: Fawcett, Allen; McJeon, Haewon C  
>Subject: Temperature Bullet  
>  
>Hey Guys,  
>  
>Here is temperature bullet. It's not perfect, but I think it will be  
>sufficient for now.  
>  
>Leon  
>

## **Ex. 5 - Deliberative**

This email is UNCLASSIFIED.

**To:** Schuler, Reed M[SchulerRM@state.gov]; McJeon, Haewon C[Haewon.McJeon@pnnl.gov]; Clarke, Leon E[Leon.Clarke@pnnl.gov]; Edmonds, James A (Jae)[jae@pnnl.gov]; Iyer, Gokul C[Gokul.Iyer@pnnl.gov]; Jeong, Minji[minji.jeong@pnnl.gov]; Creason, Jared[Creason.Jared@epa.gov]; Alsalam, Jameel[Alsalam.Jameel@epa.gov]; McFarland, James[McFarland.James@epa.gov]; Nate Hultman

**Ex. 6 - Personal Privacy**

**From:** Fawcett, Allen

**Sent:** Wed 9/3/2014 3:22:27 PM

**Subject:** RE: Latest Brief for Discussion Today

[China Combined Brief 20140903\\_clean2.docx](#)

[PNNL China Briefing for Todd Stern - 09-03-14 - FINAL 2.pptx](#)

[Plausible Target Tables - 09-02-14 v2.xlsx](#)

Reed,

Here are the latest files for the meeting.

Thanks,

Allen

**From:** Schuler, Reed M [mailto:SchulerRM@state.gov]

**Sent:** Wednesday, September 03, 2014 10:01 AM

**To:** Fawcett, Allen; McJeon, Haewon C; Clarke, Leon E; Edmonds, James A (Jae); Iyer, Gokul C; Jeong, Minji; Creason, Jared; Alsalam, Jameel; McFarland, James; Nate Hultman

**Subject:** RE: Latest Brief for Discussion Today

Allen, will you make sure you print plenty of copies? I don't know how many people are coming, but nearly 20 people were invited.

Projector should be set up with a computer there. We're not allowed to plug in non-State flash drives, so please make sure that you email me any updated files.

Reed

This email is UNCLASSIFIED.

**From:** Schuler, Reed M

**Sent:** Wednesday, September 03, 2014 9:41 AM

**To:** 'Fawcett, Allen'; McJeon, Haewon C; Clarke, Leon E; Edmonds, James A (Jae); Iyer, Gokul C; Jeong, Minji; Creason, Jared; Alsalam, Jameel; McFarland, James; Nate Hultman

**Subject:** RE: Latest Brief for Discussion Today

## Ex. 5 - Deliberative

95% chance we have access to a projector, but my repeated calls and emails to IT yesterday and this morning have not yet been answered, so it's not guaranteed. I'll continue to work on this.

Reed

-----Original Message-----

From: Fawcett, Allen [<mailto:Fawcett.Allen@epa.gov>]

Sent: Wednesday, September 03, 2014 9:28 AM

To: Schuler, Reed M; McJeon, Haewon C; Clarke, Leon E; Edmonds, James A (Jae); Iyer, Gokul C; Jeong, Minji; Creason, Jared; Alsalam, Jameel; McFarland, James; Nate Hultman

Subject: RE: Latest Brief for Discussion Today

A few more revisions to the ppt this morning, this is the final version ready to share ahead of the briefing if needed. Reed, will there be a projector in the room?

Thanks,  
Allen

-----Original Message-----

From: Schuler, Reed M [<mailto:SchulerRM@state.gov>]

Sent: Wednesday, September 03, 2014 8:44 AM

To: Fawcett, Allen; McJeon, Haewon C; Clarke, Leon E; Edmonds, James A (Jae); Iyer, Gokul C; Jeong, Minji; Creason, Jared; Alsalam, Jameel; McFarland, James; Nate Hultman

Subject: Re: Latest Brief for Discussion Today

Looking great!

On page 10, **Ex. 5 - Deliberative**

Reed

From: Fawcett, Allen

Sent: Tuesday, September 2, 2014 11:12 PM

To: McJeon, Haewon C; Clarke, Leon E; Edmonds, James A (Jae); Iyer, Gokul C; Jeong, Minji; Creason, Jared; Alsalam, Jameel; McFarland, James; Nate Hultman; Schuler, Reed M

Subject: RE: Latest Brief for Discussion Today

Hi all,

Here is the latest version of the brief, building off of the version Haewon sent earlier this evening (clean version and a version retaining comments). Also attached is the ppt deck for the Todd briefing tomorrow. Finally, an updated version of the reduced form Excel model for section 3. We'll plan on printing out copies in the morning to bring with us to the meeting tomorrow.

Allen

From: McJeon, Haewon C [<mailto:Haewon.McJeon@pnnl.gov>]

Sent: Tuesday, September 02, 2014 8:30 PM

To: Clarke, Leon E; Edmonds, James A (Jae); Iyer, Gokul C; Jeong, Minji; Creason, Jared; Alsalam, Jameel; Fawcett, Allen; McFarland, James; Nate Hultman; [SchulerRM@state.gov](mailto:SchulerRM@state.gov)

Subject: RE: Latest Brief for Discussion Today

Hi all,

Here is the latest version of the brief. Please edit or comment on this version.

Many changes to formatting, texting, and number adjustments have occurred.

## **Ex. 5 - Deliberative**

Please feel free to suggest other descriptive title.

Hopefully this gets in time for tomorrow's meeting.

Best,

Haewon.

From: Clarke, Leon E

Sent: Tuesday, September 02, 2014 8:18 AM

To: McJeon, Haewon C; Edmonds, James A (Jae); Iyer, Gokul C; Jeong, Minji; Creason, Jared; 'Alsalam, Jameel'; Allen Fawcett; McFarland, James; Nate Hultman; [SchulerRM@state.gov](mailto:SchulerRM@state.gov)<<mailto:SchulerRM@state.gov>>

Subject: Latest Brief for Discussion Today

All,

Attached is the latest combined brief after a range of edits and improvements by Haewon/Gokul/Minji and some minor editorial changes by me. Note that I did not have time to get to Rick's specific comments. We can discuss this version at 10:30. Note that I have kept all the comments in. I think we will want to keep a version of this with the comments, but then send around the version with all the comments erased.

# Ex. 5 - Deliberative

For Today

## Ex. 5 - Deliberative

Further on: Reference Brief

# Ex. 5 - Deliberative

Formatting

-- This is a small one. I had trouble with pagination given the way some of the figures are pasted in the text. I changed those to be in-line with the text. Haewon and I can talk about a good method for inserting figures going forward. Not a big deal, but we should get a good system for the future.

Best,

Leon

This email is UNCLASSIFIED.



**To:** Fawcett, Allen[Fawcett.Allen@epa.gov]; Hodson, Elke (FELLOW)[Elke.Hodson@Hq.Doe.Gov]  
**Cc:** Alsalam, Jameel[Alsalam.Jameel@epa.gov]; Ragnauth, Shaun[Ragnauth.Shaun@epa.gov]  
**From:** Mignone, Bryan  
**Sent:** Thur 8/28/2014 9:56:40 PM  
**Subject:** RE: non-CO2s  
Post-2020 Scenario Matrix 8-28-2014.docx  
Updated Policy Charts - 28Aug2014 - CIS exp 3a 3b - short.pptx

Allen et al:

Here are the updates.

# Ex. 5 - Deliberative

If you have any questions or would like to discuss further, please let us know.

Thanks,

Bryan

**From:** Fawcett, Allen [mailto:Fawcett.Allen@epa.gov]  
**Sent:** Thursday, August 28, 2014 12:58 PM  
**To:** Mignone, Bryan; Hodson, Elke (FELLOW)  
**Cc:** Alsalam, Jameel; Ragnauth, Shaun  
**Subject:** RE: non-CO2s

I think

**Ex. 5 - Deliberative**

**Ex. 5 - Deliberative**

Allen

**Ex. 5 - Deliberative**

**Ex. 5 - Deliberative**

**From:** Mignone, Bryan [mailto:Bryan.Mignone@hq.doe.gov]  
**Sent:** Thursday, August 28, 2014 12:49 PM  
**To:** Fawcett, Allen; Hodson, Elke (FELLOW)  
**Cc:** Alsalam, Jameel  
**Subject:** RE: non-CO2s

# Ex. 5 - Deliberative

Thanks

Bryan

**From:** Fawcett, Allen [<mailto:Fawcett.Allen@epa.gov>]  
**Sent:** Thursday, August 28, 2014 12:47 PM  
**To:** Hodson, Elke (FELLOW)  
**Cc:** Mignone, Bryan; Alsalam, Jameel  
**Subject:** RE: non-CO2s

# Ex. 5 - Deliberative

**From:** Hodson, Elke (FELLOW) [<mailto:Elke.Hodson@Hq.Doe.Gov>]  
**Sent:** Thursday, August 28, 2014 12:38 PM  
**To:** Fawcett, Allen  
**Cc:** Mignone, Bryan  
**Subject:** non-CO2s

Allen:

We heard at the inter-agency meeting that

Ex. 5 - Deliberative

Ex. 5 - Deliberative

Right now we have

# **Ex. 5 - Deliberative**

Thanks!

Elke

**To:** Fawcett, Allen[Fawcett.Allen@epa.gov]  
**Cc:** Alsalam, Jameel[Alsalam.Jameel@epa.gov]; Ragnauth, Shaun[Ragnauth.Shaun@epa.gov]; West, Tris  
**From:** Hultman, Nathan  
**Sent:** Mon 8/25/2014 9:05:55 PM  
**Subject:** RE: quick question for you & team

Understood and that sounds appropriate. Tris is having some conversations on topic but agreed

Ex. 5 - Deliberative Nate

**From:** Fawcett, Allen [mailto:Fawcett.Allen@epa.gov]  
**Sent:** Monday, August 25, 2014 4:55 PM  
**To:** Hultman, Nathan  
**Cc:** Alsalam, Jameel; Ragnauth, Shaun; West, Tris  
**Subject:** RE: quick question for you & team

## Ex. 5 - Deliberative

Allen

**From:** Hultman, Nathan [mailto:  
**Sent:** Monday, August 25, 2014 4:33 PM  
**To:** Fawcett, Allen  
**Cc:** Alsalam, Jameel; Ragnauth, Shaun; West, Tris  
**Subject:** RE: quick question for you & team

+ Tris who is working on Ex. 5 - Deliberative

Thanks Jameel, that is very interesting. Based on Ex. 5 - Deliberative

Ex. 5 - Deliberative

**Ex. 5 - Deliberative**

**Ex. 5 - Deliberative** Would the EPA team concur? I am open to your suggestions as to how best to handle this.

Nate

**From:** Fawcett, Allen [<mailto:Fawcett.Allen@epa.gov>]  
**Sent:** Monday, August 25, 2014 3:16 PM  
**To:** Hultman, Nathan  
**Cc:** Alsalam, Jameel; Ragnauth, Shaun  
**Subject:** FW: quick question for you & team

Nate,

**Ex. 5 - Deliberative**

numbers. See Jameel's write up below for more discussion.

Best,

Allen

**From:** Alsalam, Jameel  
**Sent:** Monday, August 25, 2014 11:48 AM  
**To:** Fawcett, Allen  
**Cc:** Ragnauth, Shaun  
**Subject:** RE: quick question for you & team

**Ex. 5 - Deliberative**

# Ex. 5 - Deliberative

Best,

Jameel

**From:** Fawcett, Allen  
**Sent:** Monday, August 25, 2014 10:09 AM  
**To:** Alsalam, Jameel  
**Cc:** Ragnauth, Shaun  
**Subject:** Fw: quick question for you & team

**From:** Hultman, Nathan <Ex. 6 - Personal Privacy>

**Sent:** Monday, August 25, 2014 10:02 AM

**To:** Fawcett, Allen

**Subject:** RE: quick question for you & team

+ Tris

Another question came up – **Ex. 5 - Deliberative**?

Tris is working on **Ex. 5 - Deliberative**

**Ex. 5 - Deliberative** once Shaun is back.

Nate

**From:** Hultman, Nathan  
**Sent:** Wednesday, August 20, 2014 5:55 PM  
**To:** 'Fawcett, Allen'  
**Subject:** RE: quick question for you & team

Thanks, that is helpful. And, I am glad I checked because **Ex. 5 - Deliberative**  
**Ex. 5 - Deliberative**

Nate

**From:** Fawcett, Allen [<mailto:Fawcett.Allen@epa.gov>]  
**Sent:** Wednesday, August 20, 2014 11:53 AM  
**To:** Hultman, Nathan  
**Subject:** FW: quick question for you & team

Shaun is out on vacation now, but Jameel took a stab at answering.

Allen

**From:** Alsalam, Jameel  
**Sent:** Wednesday, August 20, 2014 11:48 AM  
**To:** Fawcett, Allen  
**Subject:** RE: quick question for you & team



# Ex. 5 - Deliberative

**From:** Fawcett, Allen  
**Sent:** Wednesday, August 20, 2014 10:43 AM  
**To:** Alsalam, Jameel  
**Subject:** FW: quick question for you & team

More questions from Nate...

**From:** Hultman, Nathan [[mailto:](#) **Ex. 6 - Personal Privacy**]  
**Sent:** Wednesday, August 20, 2014 10:00 AM  
**To:** Fawcett, Allen  
**Subject:** quick question for you & team

Allen,

Just double checking something.

# Ex. 5 - Deliberative

Correct?  
Nate

**To:** Ragnauth, Shaun[Ragnauth.Shaun@epa.gov]; Alsalam, Jameel[Alsalam.Jameel@epa.gov]  
**From:** Fawcett, Allen  
**Sent:** Tue 8/5/2014 4:19:14 PM  
**Subject:** Fw: For Thursday's technical meeting at 10am

Fyi



Ok. We'll just direct-dial you then.

I'm not sure re HFCs. I'm talking to Cindy at 4:00 so I'll discuss it with her then. My guess is that we'll want to keep the HFC discussion separate...

**From:** Fawcett, Allen [mailto:Fawcett.Allen@epa.gov]  
**Sent:** Tuesday, August 05, 2014 11:57 AM  
**To:** Ulman, Christie  
**Subject:** Re: For Thursday's technical meeting at 10am

Sounds good, my number here is Ex. 6 - Personal Privacy Also, we're planning on having the estimates of Ex. 5 - Deliberative

One more question. How much do you want to get into HFC issues? We could add Cindy Newberg and Dave Godwin to the meeting if we want to dive into the HFC estimates.

Allen

**From:** Ulman, Christie  
**Sent:** Tuesday, August 5, 2014 10:48 AM

**To:** Fawcett, Allen

**Subject:** RE: For Thursday's technical meeting at 10am

Hi Allen,

I missed the part where you said you were away! Oops. Since this is time-sensitive, we should probably go ahead if that's OK with you. Maybe we can dial you in for a portion of it when we cover the EPA things? We can try to do that first, perhaps.

**From:** Fawcett, Allen [<mailto:Fawcett.Allen@epa.gov>]

**Sent:** Tuesday, August 05, 2014 11:46 AM

**To:** Ulman, Christie

**Subject:** Re: For Thursday's technical meeting at 10am

I sent the invite along to Jameel and Shaun, and they'll be able to make the Thursday meeting. They're planning on bringing along all the latest info;

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Happy to call in if there is a number, but Jameel and Shaun should be able to answer any questions if not.

Allen

**From:** Ulman, Christie

**Sent:** Tuesday, August 5, 2014 8:59 AM

**To:** Fawcett, Allen

**Subject:** RE: For Thursday's technical meeting at 10am

Hi Allen,

I made this a 9:30 in-person meeting. I added Jameel but can you forward to Shaun? Please bring all assumptions for your areas and the latest outputs from the models. Thanks!

**From:** Fawcett, Allen [<mailto:Fawcett.Allen@epa.gov>]  
**Sent:** Monday, August 04, 2014 9:58 PM  
**To:** Ulman, Christie  
**Subject:** Re: For Thursday's technical meeting at 10am

Christie,

I'm out in Iowa all this week, but I could call in on Thursday. On our end, we should invite Shaun Ragnauth and Jameel Alsalam.

Thanks,

Allen

**From:** Ulman, Christie  
**Sent:** Monday, August 4, 2014 6:36 PM  
**To:** Mignone, Bryan; Fawcett, Allen  
**Cc:** Duke, Rick  
**Subject:** For Thursday's technical meeting at 10am

Hi Bryan and Allen,

I just sent a calendar invite for this Thursday where we would like to sit down and talk through

## **Ex. 5 - Deliberative**

like to walk through it at this meeting.

Bryan – have you had a chance to run to ground the list of questions we had **Ex. 5 - Deliberative**  
**Ex. 5 - Deliberative** Answers to that document will also be helpful for that discussion.

Let me know who else from DOE/EPA should attend; I just sent the calendar invite to you two so I made sure I had the correct folks.

Thanks,

Christie

Christie Ulman

Deputy Associate Director  
Energy and Climate Change  
White House Council on Environmental Quality

**To:** Ragnauth, Shaun[Ragnauth.Shaun@epa.gov]; Alsalam, Jameel[Alsalam.Jameel@epa.gov]  
**From:** Fawcett, Allen  
**Sent:** Tue 8/5/2014 4:07:46 PM  
**Subject:** Re: For Thursday's technical meeting at 10am

Great. I just pinged Christie to see if they want to discuss HFCs or not, we'll see what they say.



I'm planning to bring that with us. Do we need to pull in Dave or Cindy for the meeting?

**From:** Fawcett, Allen  
**Sent:** Tuesday, August 05, 2014 11:44 AM  
**To:** Alsalam, Jameel; Ragnauth, Shaun  
**Subject:** Re: For Thursday's technical meeting at 10am

Thanks guys. I'm sure Rick will ask about **Ex. 5 - Deliberative**  
**Ex. 5 - Deliberative** so if there's any chance of having an update on that it would be useful for this meeting.

Thanks,  
  
Allen

**From:** Alsalam, Jameel  
**Sent:** Tuesday, August 5, 2014 8:12 AM  
**To:** Fawcett, Allen; Ragnauth, Shaun  
**Subject:** RE: For Thursday's technical meeting at 10am

Yes, available.

**Ex. 5 - Deliberative**

add in some of the caveats that Dave G. provided.

We will try to

**From:** Fawcett, Allen

**Sent:** Monday, August 04, 2014 9:56 PM

**To:** Ragnauth, Shaun; Alsalam, Jameel

**Subject:** Fw: For Thursday's technical meeting at 10am

Are you guys available Thursday Morning for this meeting?

**From:** Ulman, Christie

**Ex. 6 - Personal Privacy**

**Sent:** Monday, August 4, 2014 6:36 PM

**To:** Mignone, Bryan; Fawcett, Allen

**Cc:** Duke, Rick

**Subject:** For Thursday's technical meeting at 10am

Hi Bryan and Allen,

I just sent a calendar invite for this Thursday where we would like to sit down and talk through

**Ex. 5 - Deliberative**

Bryan – have you had a chance to run to ground the list of questions we

**Ex. 5 - Deliberative**

**Ex. 5 - Deliberative** Answers to that document will also be helpful for that discussion.

Let me know who else from DOE/EPA should attend; I just sent the calendar invite to you two so I made sure I had the correct folks.



Thanks,

Christie

Christie Ulman

Deputy Associate Director  
Energy and Climate Change  
White House Council on Environmental Quality